

FIG. 1

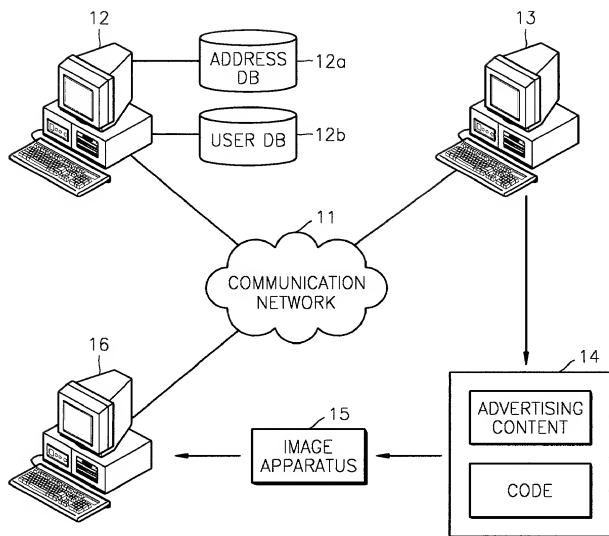


FIG. 2A

**INTRODUCING**

IEEE Spectrum's  
**WEBADVANTAGE<sup>SM</sup>**

LOOKING FOR OUR READER SERVICE CARD?  
YOU'VE JUST FOUND IT.

FOR ADVERTISING AND EDITORIAL INQUIRIES,  
IEEE Spectrum Magazine announces a new, more efficient way to receive  
information on the products and services you read about every month.

**ENTER** .....  
**www.spectrum.ieee.org/webadvantage**

Log on to the above address, fill out the registration form and follow the simple instructions to receive the latest up-to-date information on the products and services you read about in this magazine.

**YOU ONLY NEED TO REGISTER ONCE!**


Any time after that, simply enter your e-mail address to log on and Spectrum's WebAdvantage will deliver it to you.

**LOG ON**

**CHOOSE** .....  
You can choose how you would like the information to be sent to you—by Telephone, Fax, Email or Mail!

**RECEIVE INFO**


THERE'S ABSOLUTELY NO COST TO YOU FOR THIS SERVICE, IT'S FREE!  
Get the information you need faster with WebAdvantage<sup>SM</sup>



**SPECTRUM**

M A G A Z I N E

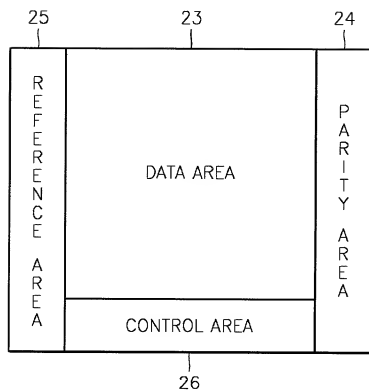
ADVANCING THE FUTURE OF TECHNOLOGY



20

21

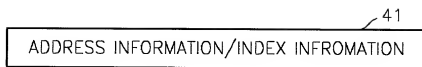
FIG. 2B



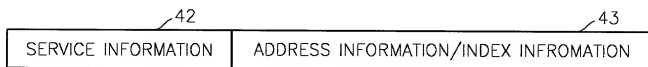
# FIG. 3

Number & Special Characters				Alphabet (Upper case letter)			Alphabet (Lower case letter)		
	char	color	code	char	color	code	char	color	code
1	0		000 000	A		001 011	a		100 101
2	1		000 001	B		001 100	b		100 110
3	2		000 010	C		001 101	c		100 111
4	3		000 011	D		001 110	d		101 000
5	4		000 100	E		001 111	e		101 001
6	5		000 101	F		010 000	f		101 010
7	6		000 110	G		010 001	g		101 011
8	7		000 111	H		010 010	h		101 100
9	8		001 000	I		010 011	i		101 101
10	9		001 001	J		010 100	j		101 110
11				K		010 101	k		101 111
12	Space		001 010	L		010 110	l		110 000
13	Toggle		111 111	M		010 111	m		110 001
14				N		011 000	n		110 010
15				O		011 001	o		110 011
16				P		011 010	p		110 100
17				Q		011 011	q		110 101
18	RED		100	R		011 100	r		110 110
19	GREEN		010	S		011 101	s		110 111
20	BLUE		001	T		011 110	t		111 000
21	YELLOW		110	U		011 111	u		111 001
22	MAGENTA		101	V		100 000	v		111 010
23	CYAN		011	W		100 001	w		111 011
24	WHITE		111	X		100 010	x		111 100
25	BLACK		000	Y		100 011	y		111 101
26				Z		100 100	z		111 110

# FIG. 4A



# FIG. 4B



# FIG. 5

51 INDEX INFORMATION	52 ADDRESS INFORMATION
16513212110	comsci.yonsei.ac.kr
16513212111	http://comsci.yonsei.ac.kr
16513212112	165.132.121.10
e16513212112	mailto:bright@kurene.yonsei.ac.kr
t16513212112	kurene.yonsei.ac.kr
comsciyonseiaackr	comsci.yonsei.ac.kr
redcrosstype01	www.hospital.ac.kr

FIG. 6

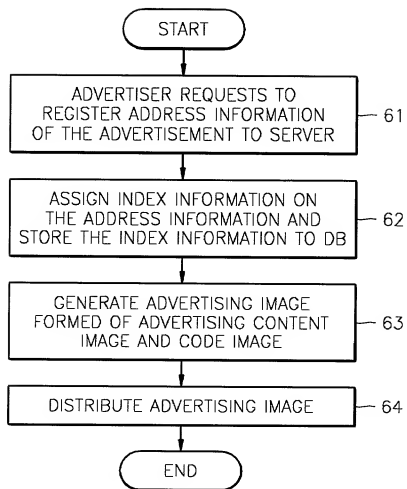


FIG. 7

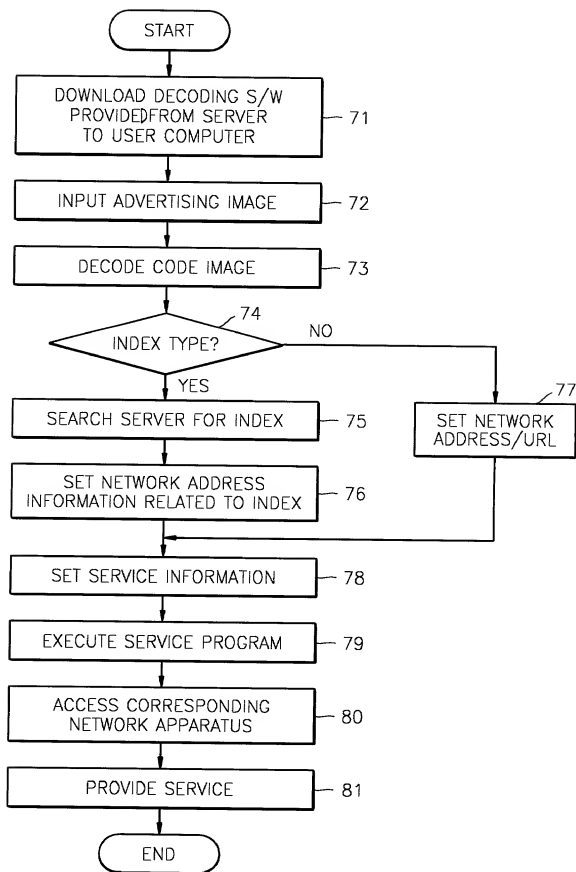


FIG. 8

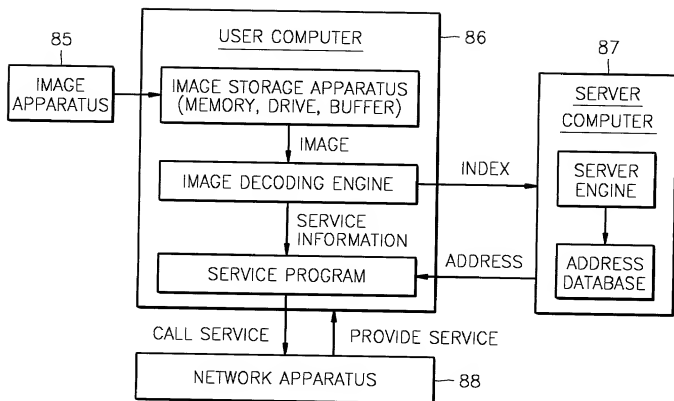


FIG. 9

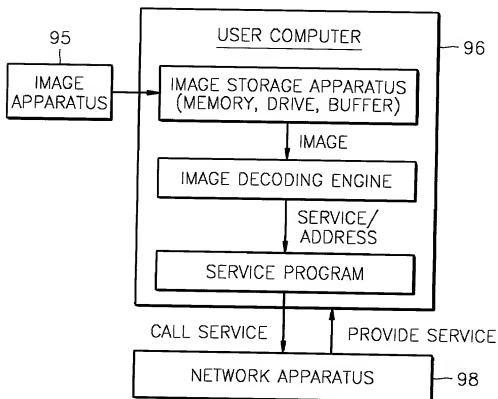




FIG. 10

